

CONTENTS OF VOLUME 54

Bulletin No.	Pages
75. FLUCTUATIONS IN THE FISHERIES OF STATE OF MICHIGAN WATERS OF GREEN BAY. By Ralph Hile, George F. Lunger, and Howard J. Buettner. (Issued April 1953.)	1-34
76. A CONTAGIOUS DISEASE OF SALMON POSSIBLY OF VIRUS ORIGIN. By R. R. Rucker, W. J. Whipple, J. R. Parvin, and C. A. Evans. (Issued May 1953.)	35-46
77. SPAWNING OF YELLOWFIN TUNA IN HAWAIIAN WATERS. By Fred C. June. (Issued August 1953.)	47-64
78. ESTIMATION OF GROWTH RATE IN ANIMALS BY MARKING EXPERIMENTS. By Milton J. Lindner. (Issued August 1953.)	65-69
79. STABILIZATION OF THE PHOSPHATE RATIO OF SEA WATER BY FREEZING. By Albert W. Collier and Kenneth T. Marvin. (Issued July 1953.)	71-76
80. PHOSPHORUS EXCHANGE IN MARINE PHYTOPLANKTON. By Theodore R. Rice. (Issued August 1953.)	77-89
81. FOOD OF YELLOWFIN TUNA IN THE CENTRAL PACIFIC. By John W. Reintjes and Joseph E. King. (Issued October 1953.)	91-110
82. ZOOPLANKTON ABUNDANCE IN THE CENTRAL PACIFIC. By Joseph E. King and Joan Demond. (Issued October 1953.)	111-144
83. NATURE OF VARIABILITY IN TRAWL CATCHES. By Clyde C. Taylor. (Issued September 1953.)	145-166
84. EFFECT OF DISSOLVED ORGANIC SUBSTANCES ON OYSTERS. By Albert Collier, S. M. Ray, A. W. Magnitzky, and Joe O. Bell. (Issued December 1953.)	167-185
85. DETERMINING AGE OF ATLANTIC SHAD FROM THEIR SCALES. By James P. Cating. (Issued January 1954.)	187-199
86. POPULATION HETEROGENEITY IN THE PACIFIC PILCHARD. By Frances E. Felin. (Issued February 1954.)	201-225
87. BIOTIC INFLUENCES AFFECTING POPULATION GROWTH OF PLANKTONIC ALGAE. By Theodore R. Rice. (Issued February 1954.)	227-245
88. CAUSES OF FLUCTUATIONS IN ABUNDANCE OF CONNECTICUT RIVER SHAD. By Reynold A. Fredin. (Issued March 1954.)	247-259